

WHAT IS CLAIMED IS:

1. A method for segmenting an image comprising:
determining a selected segmentation mode to be used when segmenting
the image;
- 5 determining if the selected segmentation mode is an automatic mode;
determining, if the selected segmentation mode is the automatic mode,
whether a user wishes to change at least one automatic segmentation parameter;
inputting a new value for each at least one automatic segmentation
parameter to be changed, if the user wishes to change at least one automatic
10 segmentation parameter; and
segmenting the image using the automatic segmentation parameter
values, including any new automatic segmentation parameter values.
2. The method of claim 1, further comprising altering, if at least one new
automatic segmentation parameter value is input, at least one other automatic
15 segmentation parameter value.
3. The method of claim 1, further comprising storing the at least one new
automatic segmentation parameter value.
4. The method of claim 2, further comprising storing the at least one new
automatic segmentation parameter value and the at least one other automatic
20 segmentation parameter value.
5. The method of claim 2, further comprising storing the at least one new
automatic segmentation parameter value and altering the at least one other automatic
segmentation parameter value each time the automatic segmentation mode is selected.
- 25 6. The method of claim 2, wherein each one of the at least one automatic
segmentation parameter to be changed correspond to a segmentation class in a first
subset of a set of segmentation classes and each one of the at least one other automatic
segmentation parameter value to be altered correspond to a segmentation class in a
second subset of the set of segmentation classes.
7. The method of claim 6, wherein at least one segmentation parameter
30 value of each class of the second subset is linked to at least one segmentation
parameter value of a class of the first subset.

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8. The method of claim 7, wherein at least one segmentation parameter value of each class of the second subset is derived from the at least one segmentation parameter value of a class of the first subset.

5 9. The method of claim 8, wherein at least one segmentation parameter value of each class of the second subset is a weighted average of the at least one segmentation parameter value of a class of the first subset.

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